



# SPYWOLF

## Security Audit Report



Completed on  
**July 12, 2022**

MADE IN USA 

@SPYWOLFNETWORK



@SPYWOLFNETWORK



SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **UFD** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





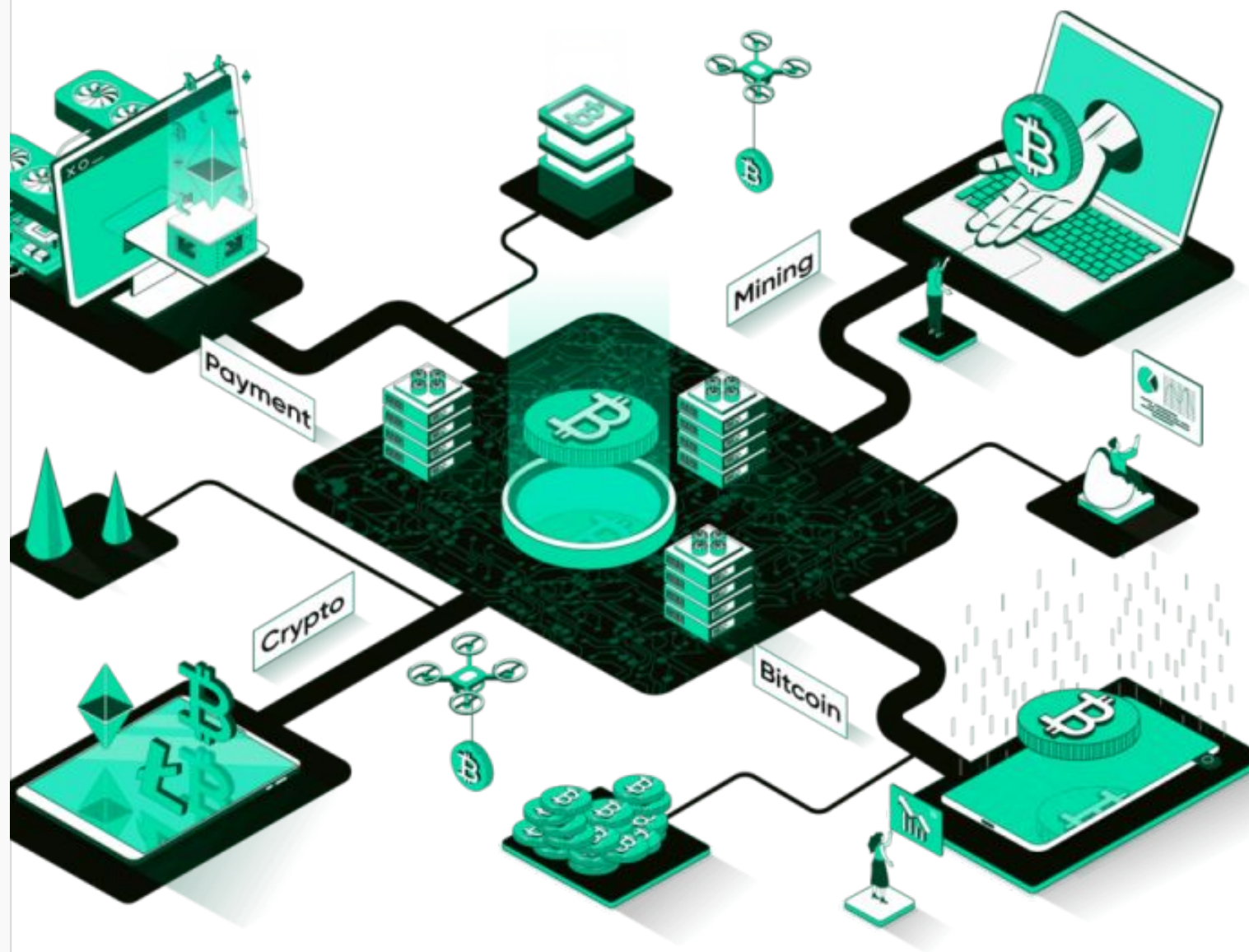
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# UFD



## PROJECT DESCRIPTION

**According to their whitepaper:**

**UFD will be digital asset launching with already completed set of utilities. The native token of this ecosystem will be \$UFD.**

**Future developments:**

- **NFT**
- **Gaming**
- **E-Commerce**
- **UFD Wallet**
- **UFD CEX**

**Release Date:** Presale starts on Sep 1, 2021

**Category:** Wallet



# CONTRACT INFO

Token Name  
UFDToken

Symbol  
UFD

Contract Address

0x3cbCa43468444DAD702E0b0589E9b8561B844FF6

Network

Binance Smart Chain

Language

Solidity

Deployment Date

July 09, 2022

Verified?

Yes

Total Supply

10,000,000,000

Status

Not launched

## TAXES

Buy Tax

**4%**

Sell Tax

**8%**

\*Taxes can be changed in future



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# CURRENT STATS

(As of July 12, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:  
**Not Launched!**

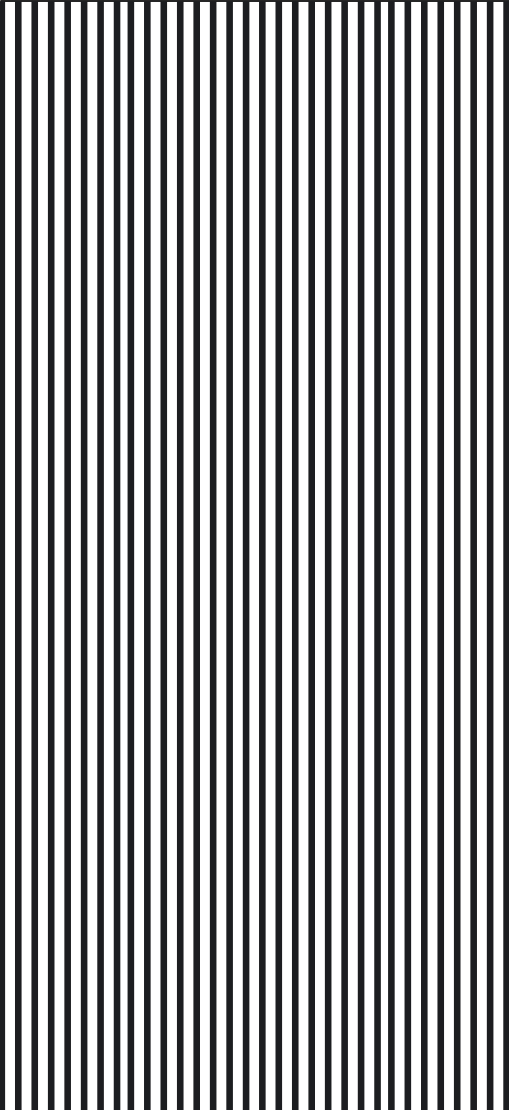
MaxTxAmount  
10,000,000,000

DEX:  
PancakeSwap

LP Address(es)



Liquidity not added yet





## TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	10000000000 UFD
Median Transfer Amount	10000000000 UFD
Average Transfer Amount	10000000000 UFD
First transfer date	2022-07-09
Last transfer date	2022-07-09
Days token transferred	1

## SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2022-07-09 16:32:51 UTC
Created	2022-07-09 16:32:51 UTC
Create TX	0x000b3c4276425d6ee77dcb9db8e25f5abc a66279a198885b73bda221e2807878
Creator	0xa9358fa82c9300abe8d2413e470ece031ca 90888



# FEATURED WALLETS

Owner address	0xa9358fa82c9300abe8d2413e470ece031ca90888
Buyback wallet	Same as owner
LP address	Liquidity not added yet

## TOP 3 UNLOCKED WALLETS

1



Same as owner

⚠ Tokens are not distributed yet





# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

---

Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



# FOUND THREATS

## ⚠ High Risk

Owner can set buy/sell fees up to 100%.

```
function setBuySellTax(uint256 _buyTax, uint256 _sellTax)
    external
    onlyOwner
{
    buyTax = _buyTax;
    sellTax = _sellTax;
}
```

Owner can change max transaction limit, but cannot lower it than 0.01% of total supply.

```
function setMaxTxAmount(uint256 maxTxAmount) external onlyOwner {
    require(maxTxAmount > totalSupply().div(10000), "max tx too low");
    _maxTxAmount = maxTxAmount;
}
```

- Recommendation:
  - Considered as good tax deduction practice is buy and sell fees combined not to exceed 25%.
  - Considered as good transaction limitation is max transaction amount not to be lower than 0.1% of total supply.



# FOUND THREATS

## ⚠ High Risk

Owner can change auto blacklist settings and launchedAt time. When the correct numbers are set, every buyer will be treated as 'sniper' and will be blacklisted from trading, making it impossible to sell.

```
function changeSnipe(bool _snipe) external onlyOwner {
    sniperProtection = _snipe;
}

function botTimer(uint256 _timer) public onlyOwner {
    bottimer = _timer;
}

function launch() public onlyOwner {
    launchedAt = block.number;
    _hasLiqBeenAdded = true;
}

function _transfer(
    address from,
    address to,
    uint256 amount
) internal override {
    .....
    if (sniperProtection) {
        if (isSniper(from)) {
            revert("Sniper rejected.");
        }
    }

    if (
        launchedAt > 0 &&
        from == uniswapV2Pair &&
        !_liquidityHolders[from] &&
        !_liquidityHolders[to]
    ) {
        if (block.number - launchedAt < bottimer) {
            _isSniper[to] = true;
            snipersCaught++;
        }
    }
    .....
}
```



## Informational

Owner can exclude address from fees.

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    require(
        _isExcludedFromFees[account] != excluded,
        "MicroPets: Account is already the value of 'excluded'"
    );
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}

function excludeMultipleAccountsFromFees(
    address[] calldata accounts,
    bool excluded
) public onlyOwner {
    for (uint256 i = 0; i < accounts.length; i++) {
        _isExcludedFromFees[accounts[i]] = excluded;
    }

    emit ExcludeMultipleAccountsFromFees(accounts, excluded);
}
```

Owner can withdraw any tokens from the contract.

```
function transferContractToken(address _token, address _to,
    uint256 _quant) public onlyOwner returns (bool _sent) {
    _sent = IERC20(_token).transfer(_to, _quant);
}

function Sweep() external onlyOwner {
    uint256 balance = address(this).balance;
    payable(owner()).transfer(balance);
}
```



RECOMMENDATIONS FOR

# GOOD PRACTICES

---

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## UFD

### GOOD PRACTICES FOUND

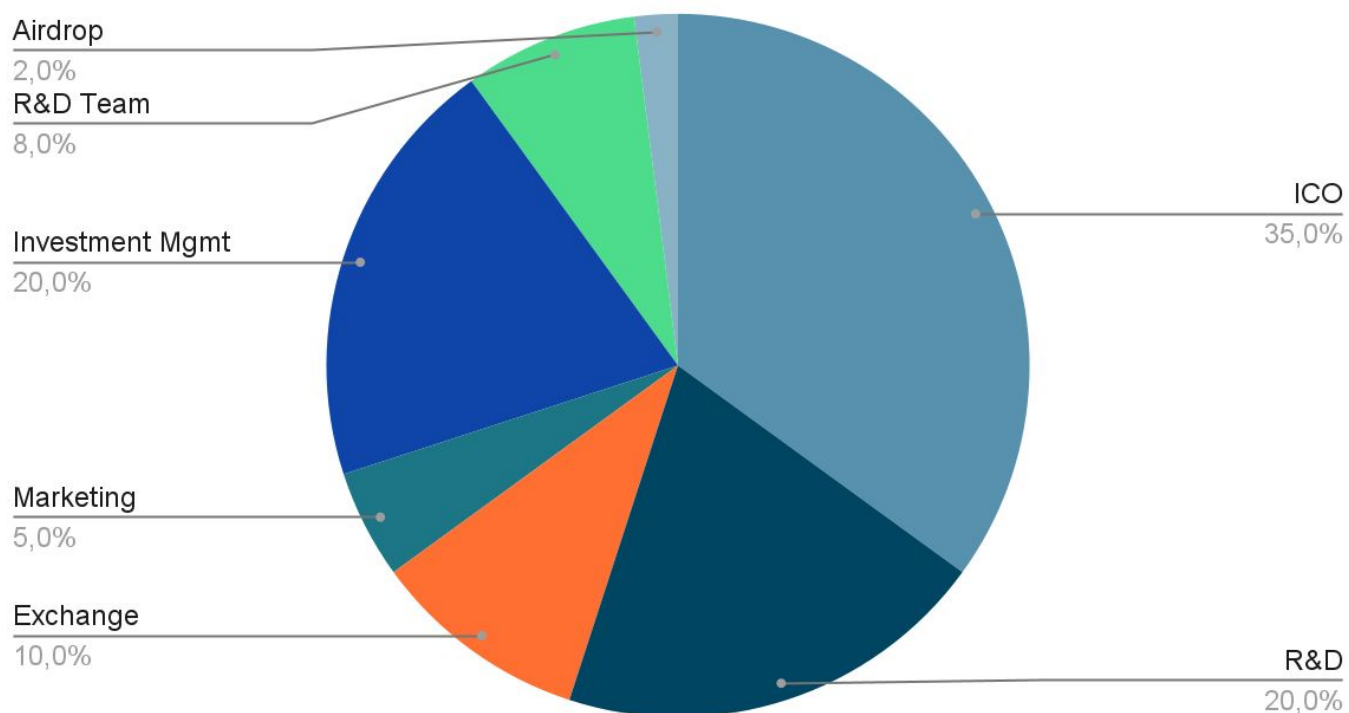
- ✓ The owner cannot mint new tokens after deployment
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



\*The following tokenomics are based on the project's whitepaper and/or website:

- 35% - ICO
- 20% - R&D
- 10% - Exchange
- 5% - Marketing
- 20% - Investment Mgmt company
- 8% - R&D Team
- 2% - Airdrop

### Tokens distribution



TOKENOMICS





# THE TEAM

! The team is  
anonymous

## KYC INFORMATION

---

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.







# WEBSITE

## Website URL

<https://ufdtokens.com/>

## Domain Registry

<https://www.hostinger.com>

## Domain Expiration

Expires on 2023-06-14

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Single page design, not appropriate color scheme, text is unreadable in some sections of the site.

## Content

Confusing, not informative.

## Whitepaper

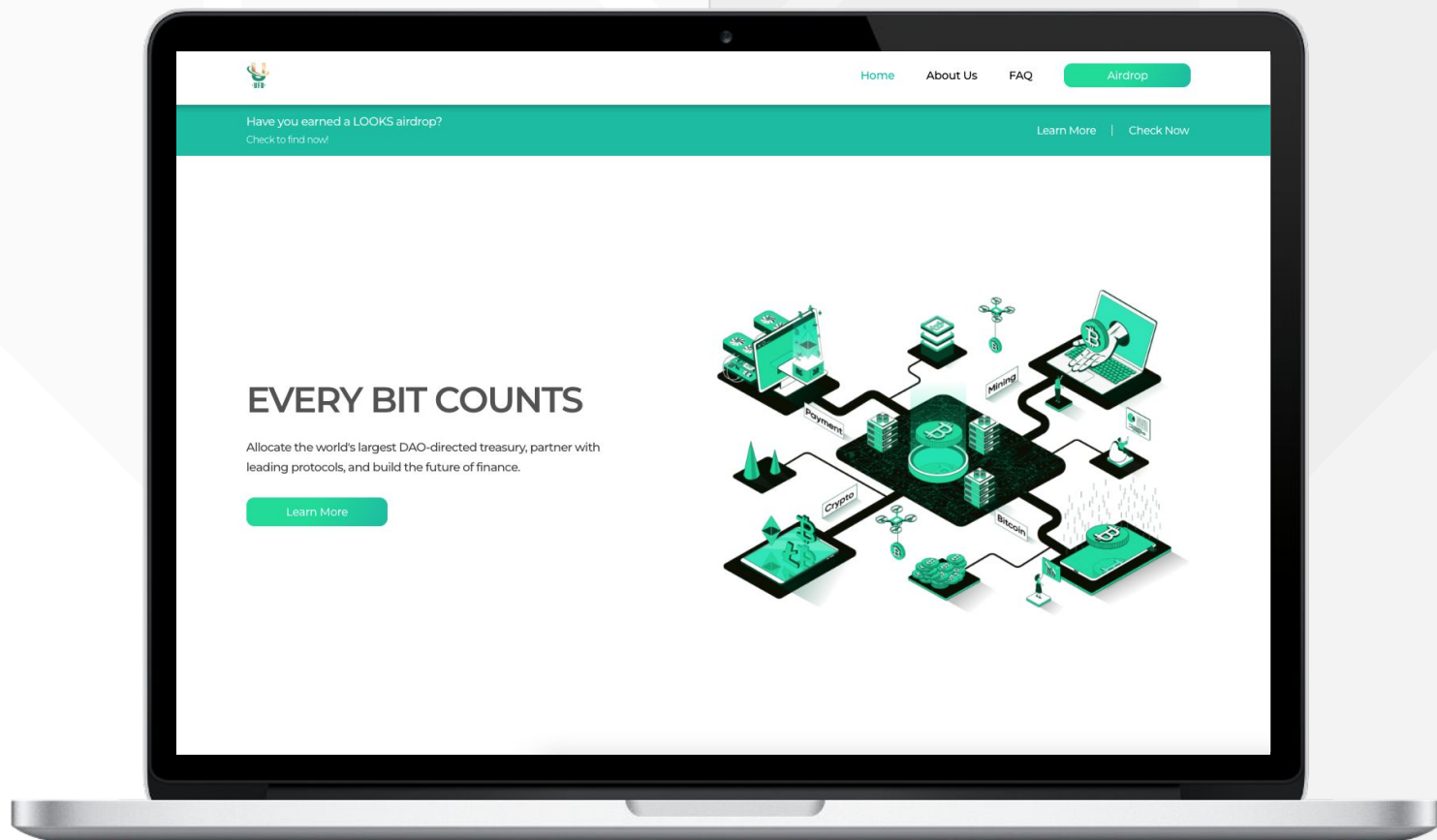
Well written, explanatory.

## Roadmap

Yes, goals set with time frames.

## Mobile-friendly?

Yes



# ufdtokens.com

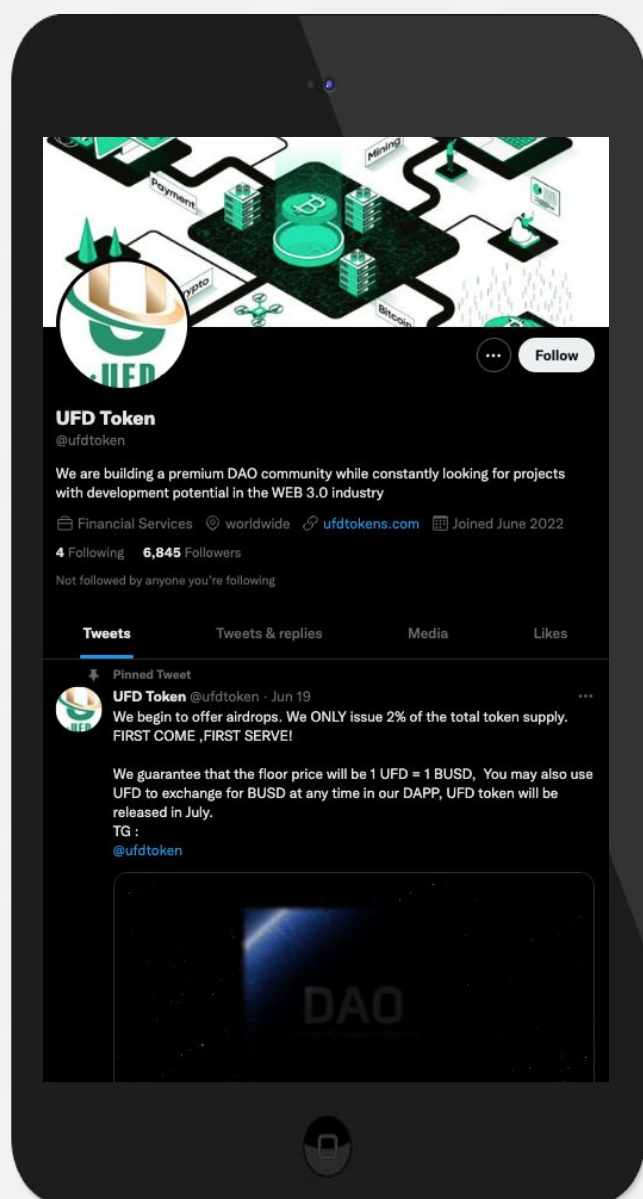


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

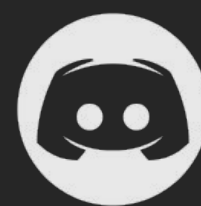
Projet's activity is concentrated mainly in telegram and less in twitter and other socials.



### Twitter

<https://twitter.com/ufdtoken>

- 6 895 followers
- Not very active, no posts since last week of June. Total 5 posts. ⚠



### Discord

- Not available



### Telegram

<https://t.me/ufdtoken>

- 9 833 members
- Few active members
- Active mods



### Medium

- Not available



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

## ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to  
[contact@spywolf.co](mailto:contact@spywolf.co) or  
[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.